

ABSTRACT OF THE DISCLOSURE

A method for the concentration of liquid mixtures includes the step of causing a continuous stream of the liquid mixtures to flow in the form of a turbulent thin layer in contact with a heated wall; for that purpose, a continuous stream of liquid mixture is fed into a turbo-concentrator including a cylindrical tubular body (1), a heating jacket (4) and a bladed rotor (8) rotatably supported in the cylindrical tubular body (1), and is centrifuged to form a dynamic and tubular thin layer, the thin layer advancing inside the cylindrical tubular body (1) then being discharged continuously in the form of a stream of concentrated liquid mixture.